Crown Jewel

It's Like Playing A Finely-Tuned Instrument

baby lock

FOR THE LOVE OF SEWING

For most quilters, that final hurdle is learning how to quilt with a longarm machine. Even the most experienced quilters with the most impressive and creative piecing will hesitate, and are willing to trust someone else with their quilts rather than add their own finishing touches. But why is that? I say stitch away!

My friend Kay M. Capps Cross is known for her creative piecing techniques, but she loves the new level of creativity that she can achieve with her Crown Jewel. I love her story, and you will, too!

"Purple Poppy"
Courtesy of Kay M. Capps Cross of Cross Cuts

Eleanor Burns
PBS Host of "Quilt in a Day"

I'll never forget the first time I finished my own quilt from beginning to end. I've felt like a quilter for decades, but that was the moment I felt like an artist. Longarm quilting makes each quilt completely mine. It adds another layer of creativity … like an extension of my heart in my hands.

I love the smoothness of the Crown Jewel – it's like playing a finely-tuned instrument. With the built-in stitch regulator and a speed of 1,800 spm, I don't have to restrain myself from flying. There's absolutely no stress when I use this machine – from the threading and tension control to the lights and push button controls – I can get an idea and go!

The 18" Crown Jewel was created for Baby Lock as the perfect accompaniment for quilters like you who are ready to take that next step. You'll have so much fun trying new patterns and freehand designs, not to mention the satisfaction of holding that finished quilt in your hands. Keep reading to discover what you can achieve with the Crown Jewel.

Kay M. Capps Cross
Author, Designer, Teacher

LONGARM QUILTING IS WITHIN YOUR REACH

Quilts are more than just projects - they are a labor of love. From special occasions like births and weddings to a heartwarming "Get Well" gift for a friend, each quilt that you create comes straight from your heart. And with a longarm machine, every stitch will be from you too. Enjoy the satisfaction of quilting your next creation from the very start to the final touch with the Baby Lock Crown Jewel.

You've probably sent out dozens of quilts to professional longarm quilters. By completing your own quilts in your own home, you'll no longer have to spend hundreds or even thousands of dollars to have your projects quilted for you. You'll soon discover that a longarm machine pays for itself.

What's more, a longarm machine opens the door for incredible creative opportunities. From easy-to-follow pattern boards to your own freehand designs, you'll never stop discovering new ways to add artistic elements to your quilts. And who knows? The joy you'll find with longarm quilting may lead to a business opportunity, and other quilters may begin sending their quilts to you.

Baby Lock will be with you every step of the way as you enter into the world of longarm quilting. Your Authorized Retailer will be thrilled to give you an introductory lesson and answer any questions that you have. Set up is a breeze with the easy-to-follow instructions. And for maintenance issues, no other sewing company can offer service and support like Baby Lock's Gold Standard Comprehensive Care Program. Keep reading for a closer look at the Crown Jewel.

"Star Crossed"
Courtesy of Raspberry Patch Quilt Shop, Cottleville, MO
Pieced by Lyna Dagley Quilted by Margaret Powell Pattern
from Cozy Quilt Designs

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1,800 STITCHES PER MINUTE

Complete more quilts in a shorter amount of time with a maximum stitching speed of 1,800 spm. What's more, with the special hopping foot, you can stitch with precision around rulers and over seams.

18” THROAT SPACE

Get ready to stretch your imagination. As a true long arm machine, the Crown Jewel’s larger workspace allows you to stitch for a longer time without interrupting your work to move fabric. And with a height of 8.25,” you can even accommodate the largest rolls of fabric for king-sized quilts.

"Pie Crust Pile-Up"
Courtesy of Raspberry Patch Quilt Shop, Cottleville, MO
Pieced by Lyna Dagley Quilted by Margaret Powell Pattern from Atkinson Designs

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GLIDES EASILY FOR CREATIVE CONTROL

Set your ideas in motion by controlling the Crown Jewel on the side of the machine that's most comfortable and convenient for you. The Crown Jewel is lightweight enough to glide across the frame with more freedom and less stress.

Back and Front Handles
Effortlessly control the motion of the Crown Jewel from the side of the machine that you prefer with the comfort gripped handles. Options are right at your fingertips with push button controls. Change the stitching speed, start and stop the Crown Jewel, or place the needle up or down with buttons directly built into the handles.

"Banana Balm"
Courtesy of Kay M. Capps Cross of Cross Cuts
Cross Cuts Pattern CC46

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QUALITY AND PRECISION EVERY STITCH OF THE WAY

The Crown Jewel allows you to stitch with confidence using a variety of settings and controls that are accessible from either side of your machine. Quilt at your own pace and control every aspect of your stitches.

Built-In Stitch Regulator
Stitching has never been smoother than with the built-in Precision Stitch regulator, which follows your lead and regulates the selected stitch length. Or if you prefer, the Cruise Stitch mode allows the needle immediately begin stitching at the precise speed chosen while regulating your stitch length.

Stay Informed with the LCD Display
Set and easily read stitch control features with the large, color LCD display on both ends of the machine. Change settings, lighting and speed with minimal scrolling and push button options. If desired, set a preferred needle speed for the manual stitch mode.

"Star Quilt" (also shown on cover)
Courtesy of Judy Pratt from Creative Threads, Binghamton, NY
Star Cakes Pattern by Legacy Quilt

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CONVENIENCE FOR QUILTING EASE

When you're stitching creatively, the last thing you need to worry about is frequently changing a bobbin or meandering into a poorly-lit area. The Crown Jewel includes features to ensure that you can quilt worry-free from start to finish.

See the Bright Side of Every Stitch
The Crown Jewel includes integrated high-intensity, natural-colored LED lights on the front handle bar. View your stitches and workspace with clarity from the 12 light clusters with a variety of lighting options. You may also add up to 10 additional light clusters, illuminating your workspace with a total of 66 LED lights.

Large "M" Class Bobbin
Enjoy less bobbin changes with the largest bobbins available in quilting (up to 40% more than a standard bobbin). Quilting is also more convenient with the high-speed rotary hook and a separate electric bobbin winder with variable speeds.

LIMITLESS CREATIVITY

By pairing the Crown Jewel with the Majestic Frame, you can create quilts of any size – from crib to king. With a maximum length of 120", you'll have room to explore your ideas and see where your imagination takes you.

Majestic Frame

Simply place the Crown Jewel on the track system, add batting, backing and a quilt top, and you're ready to go! The frame can be adjusted to different sizes and heights, with an optional extension available for even more length. Quilt with incredible precision and ease, with room to explore all of your ideas.

On wall: "Cracked Cap Cod" Courtesy of Kay M. Capps Cross of Cross Cuts
On Frame: "Sampler Quilt" pieced by Clara & Roman Rothmeier

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QuiltMotion Software

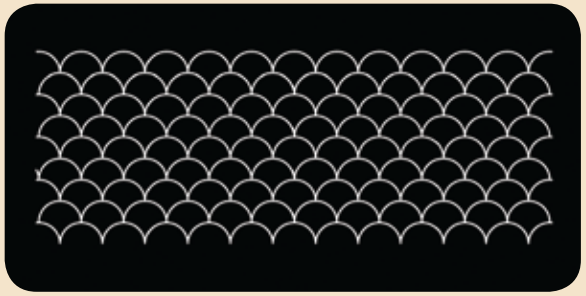
Take your quilting to the next level with QuiltMotion software, designed specifically for the Crown Jewel. You can choose, edit or even create quilt motifs on your PC, then instantly transfer your patterns to the machine and hardware for automatic quilting with flawless placement. This is a must-have creative tool for every quilter!

- Automatically stitch to the exact dimensions of your quilt
- Adapts to block size and shape for error-proof placement, even inside asymmetrical blocks
- Use one of 300 patterns built into the program, with 100 exclusive to Baby Lock, including:
  - Traditional
  - Non-traditional
  - Geometric
  - Children's
  - Border patterns
- Digitize/create your quilt block, pantographs and borders
  - Trace
  - Paper pattern digitizing
  - Free-hand drawing and recording
  - Whole quilt designs
- Editing functions include mirror, rotate, flip, scale, stretch, copy, combine
- Save patterns
- Easy, precise placement method using tools and wizards
- Flow-through quilting allows you to connect your PC to machine to transfer information in real time
- Easy-to-read LCD which guides you through any process with help menus on every screen
- Instructional tutorial DVD
- Powered by QuiltCAD, the most successful stitch pattern software available
- Includes
  - Software
  - LCD display on swivel mount
  - 15' USB cable
  - Housing/carriage plate

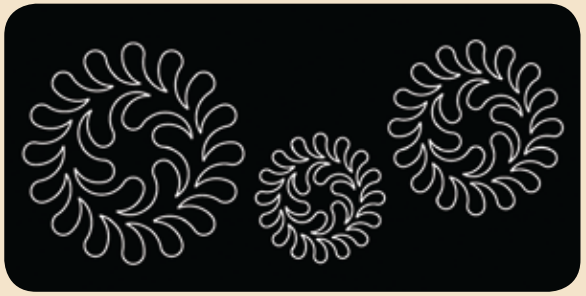
CROWN JEWEL PATTERN BOARDS

Easily recreate both classic and modern patterns with these easy-to-follow pattern boards. Requires the Stylus (BLJ18-ST), Adaptor Plate and Stylus Holder (BLJ18-SA).

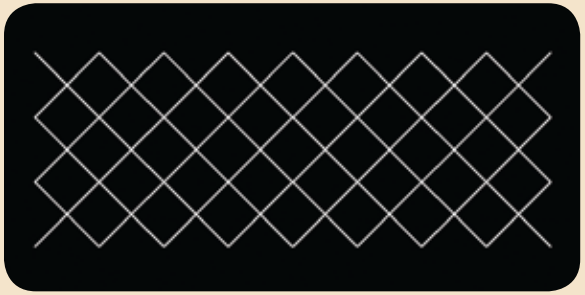
"A Star Studded Quilt"
Courtesy of Joan Clemons, Baker, FL
Pattern designed by Lesly-Claire Greenberg



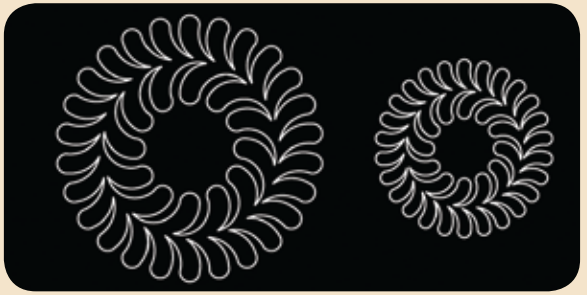
2" Clam (BLJ-PB4)



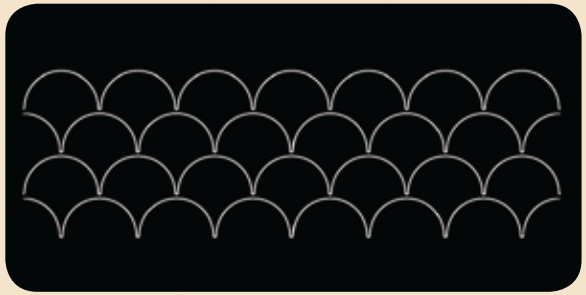
3 Wreaths (BLJ-PB12)



2" Crosshatch (BLJ-PB5)

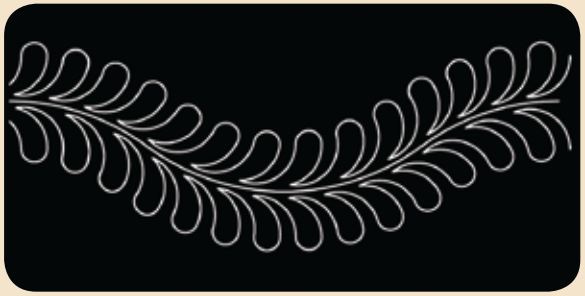


Colonial Wreaths (BLJ-PB14)

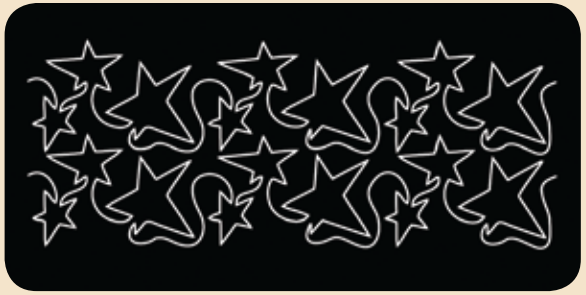


3" Clam (BLJ-PB3)

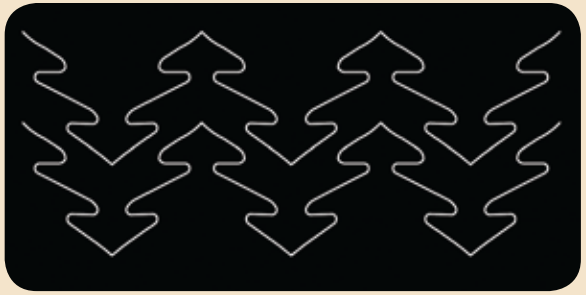
Feather Corner (BLJ-PB11)



Feather (BLJ-PB10)



Random Stars (BLJ-PB8)

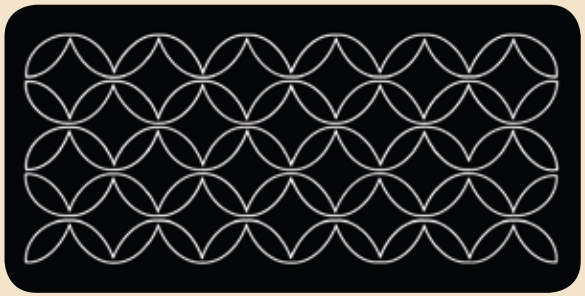


Trees (BLJ-PB9)

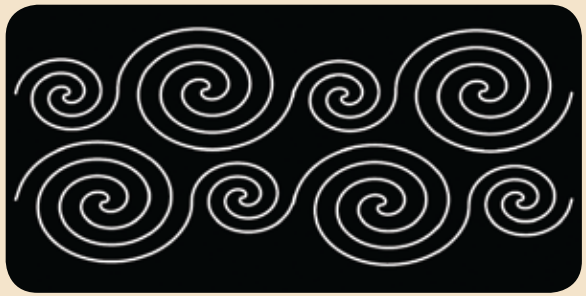
Modified Baptist Fan (BLJ-PB2)

Spiral/Rose/Heart (BLJ-PB13)

Vines and Ivy (BLJ-PB7)



Orange Peels (BLJ-PB6)



Swirls (BLJ-PB1)

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CROWN JEWEL OPTIONAL ACCESSORIES

Longarm Quilting Getaway

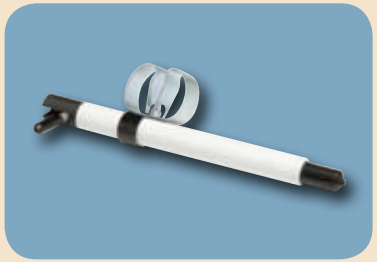
Enjoy a four-day getaway and discover that longarm quilting expertise is within your reach. Let quilt designer and author Kay M. Capps Cross show you her favorite techniques, secrets and more during this exciting Getaway in St. Louis, Missouri. Each day will be packed with basic, advanced and creative techniques, along with tips that will increase your longarm quilting knowledge and experience. To learn more, visit www.babylock.com/quilting-getaway.

Micro Handles

(BLJ18-MH)
The perfect accessory for micro-stippling and close-up work. With fully-integrated, built-in buttons, these comfort-grip handles allow you to work with precision and ease. Adjustable front to back, as well as up and down, so you can place the handles as close to the needle as you wish.

Adaptor Plate and Stylus Holder

(BLJ18-SA)
Used with the Crown Jewel longarm machine and quilt pattern boards, this accessory attaches the stylus to your machine. Requires Stylus (BLJ18-ST).



Stylus

(BLJ18-ST)
This attachment allows you to maneuver through grooves and easily follow the quilt pattern boards used with the Crown Jewel longarm machine. Requires the Adaptor Plate and Stylus Holder (BLJ18-SA).

Channel Lock

(BLJ18-CL)
The channel lock attaches onto the front wheel of the Crown Jewel machine to enable the machine to make a continuous straight horizontal line. The channel lock allows easy stitching of horizontal straight lines across your quilt.

Grace Start-Right Cloth Leaders

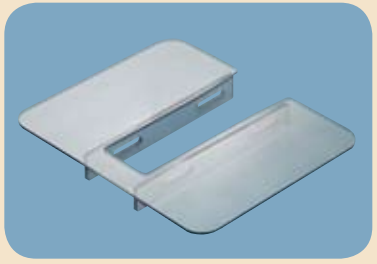
(GFCL)
Start-Right cloth leaders help you manage your quilt from start to finish. This time-saving product accurately attaches your fabric layers to your quilting frame. Includes: three hemmed king-size (112") printed cloth leaders, with stapler, staples and remover. Also comes with a free hook and loop attachment kit.

Horizontal Spool Pin

(BLJ18-HS)
This optional Horizontal Spool Pin is available for use with metallic and specialty threads wound on a spool (not a cone).

LED Cluster Lights

(Package of 2)
(BLJ18-L)
Each cluster includes 3 LED lights for the Jewel longarm machine. Add up to 10 clusters for the utmost illumination or replace your current clusters.



Ruler Base

(BLJ18-RB)
Use this accessory to extend the base of your machine for use with rulers, guides and templates.

CROWN JEWEL FEATURES AND SPECIFICATIONS

- Throat Space is 18" wide work space right of needle x 8.25" high
  - o Quilting space on Majestic or Pinnacle Frame is 15" maximum
  - o Maximum quilt pantograph size is 12"
- Stitch Control Features for perfectly balanced stitches
  - o 1/4" Hopping foot holds down the fabric while the needle completes the stitch
  - o Needle bar stroke = 35.3mm
  - o Hopping foot stroke/lift = 5mm
- Stitch Regulator regulates speed according to selected stitch lengths, from 4 to 18 stitches per inch
  - o Precision Stitch regulated mode follows your lead and is for ruler work and retracing patterns
  - o Cruise Stitch regulated mode allows the needle to immediately begin stitching at the percent speed chosen
- Manual Stitch Mode allows manual operation at a pre-selected needle speed
- Automatic Needle Positioning
  - o Needle Up/Down
  - o Full Stitch and Half Stitch – programs the needle to take a half stitch or full stitch when the needle up/down button is pressed
- Walking Stitch for tie off stitches at the beginning and end of quilting
- Maximum sewing speed of 1,800 spm
- Front and Back Handles for easy control and less fatigue
  - o Provides control from either end of the machine
  - o Easy to reach rubber grips for comfort
- Handle Bar Control Buttons at your fingertips
  - o Needle Up/Down
  - o Speed Up
  - o Start/Stop
  - o Speed Down
- Large, color LCD Display shows
  - o Regulated or Manual Stitch Modes
  - o Program settings
  - o Stitch counters
  - o Diagnostics
  - o Multiple LED lighting options
  - o Needle speed
  - o Alarm mode
  - o Calculator
- High speed rotary hook
- Uses 134R system, slight ball point needle
- "M" Class Bobbin
- External electric bobbin winder with variable speeds lets you wind your own "M" bobbins with personally selected thread
- Laser light stylus for ease in following pantographs from front or back of machine
- Lighting
  - o Integrated high intensity natural-color LED lights on front handle bar (12 light clusters x 3 LED/cluster = 36 LED lights)
  - o Ability to add up to 10 more clusters for 30 LED lights
- Can use patterns, stencils, threads, 1/4" rulers and templates that commercial quilters use

Additional Information

- Quiet, smooth operation
  - o Solid cast aluminum construction and internal DC motor
- Machine weight - 52 lbs.
- Made in U.S.A. of globally sourced parts
- Warranty: 10 year limited manufacturer's warranty, 2 years parts, 1 year computer, 1 year electrical, 90 days labor
- Ask your Baby Lock Retailer about machine maintenance programs

Gold Standard Comprehensive Care Program

Baby Lock offers an optional Gold Standard Support with the Crown Jewel - our comprehensive care promise that allows you to quilt with peace of mind for three years. Additionally, Baby Lock Retailers are dedicated to providing you the best one-on-one service in the industry.

Included Accessories

The Crown Jewel quilting machine will ship with your choice of carriage

- o Carriage with encoders for Grace Pinnacle Frame
- o Carriage with encoders for Majestic Frame

- Electronic bobbin winder with variable speed
- Laser stylus and clamp
- Other accessories
  - o 5 "M" class metal bobbins
  - o Oiler
  - o Allen wrenches
  - o Thread mast and washers
  - o Disc-shaped screwdriver
  - o 2 Packs of needles (size 16 and 18)

Optional Accessories

- QuiltMotion Software - Item # BLJ18-QM
- Micro Handles - Item # BLJ18-MH
- Ruler Base - Item # BLJ18-RB
- Horizontal Spool Pin - Item # BLJ18-HS
- Cluster Light - Item # BLJ18-L
- Gold Standard - Item # BLJ18-GS
- Adapter Plate and Stylus Holder - Item # BLJ18-SA
- Pattern Boards - Item # PBXX
- Stylus - Item # BLJ18-ST
- Channel Lock - Item # BLJ18-CL
- Grace Majestic Frame - Item # GMF
- Grace Majestic Frame 2 Foot Extension - Item # GMF-EXT
- Grace Start Right Precision Cloth Leaders - Item # GFCL
- Bobbins - Item # BLJ-BOB
- Needles:
  - o Size 16 - Item # 134FG-100
  - o Size 18 - Item # 134FG-110
  - o Size 20 - Item # 134FG-125

Baby Lock Retailer Commitment

Baby Lock and its independent Retailer network are committed to sewers like you. By providing the highest quality products and services not available through mass retailers, Baby Lock and its retailers can meet your sewing needs better than anyone else.

Whether you're looking for product information or a recommendation on your next machine, you can count on Baby Lock Retailers to help you select the sewing machines that best fit your needs. Well-trained on the Baby Lock line, these retailers can guide you through the features and innovations that make sewing so much fun.

After your purchase, depend on your Baby Lock Retailer for the training and support needed to get the most out of your machine. If you want to learn more about a new technique, search out that perfect notion, or share an idea with someone, your Baby Lock Retailer will be there for you.

As a beginning or experienced sewer, you will find Baby Lock and its independent retailers to be the most complete source anywhere for service, assistance, accessories, and classes. So, be sure to visit a Baby Lock Retailer to learn about all the wonderful Baby Lock products that will bring your love of sewing to life.

For a retailer near you call 800-422-2952

www.babylock.com

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